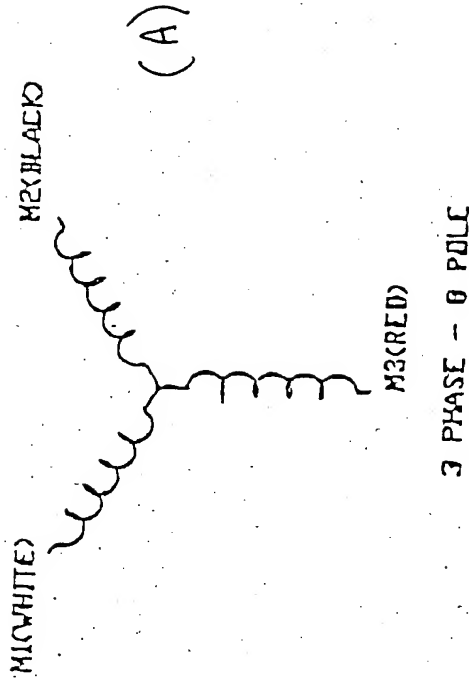


FIG. 1



Clockwise rotation, viewed from the motor shaft, results in these waveforms.

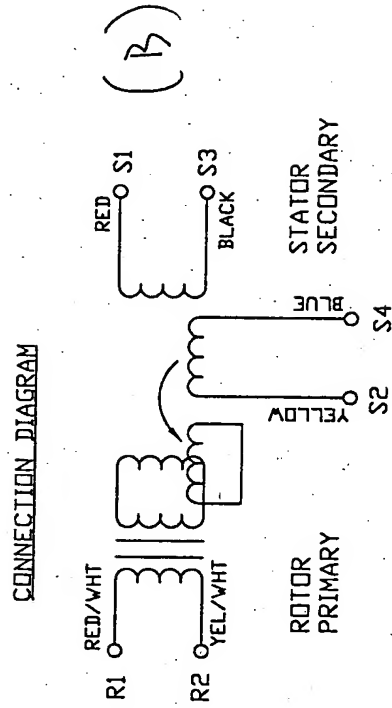
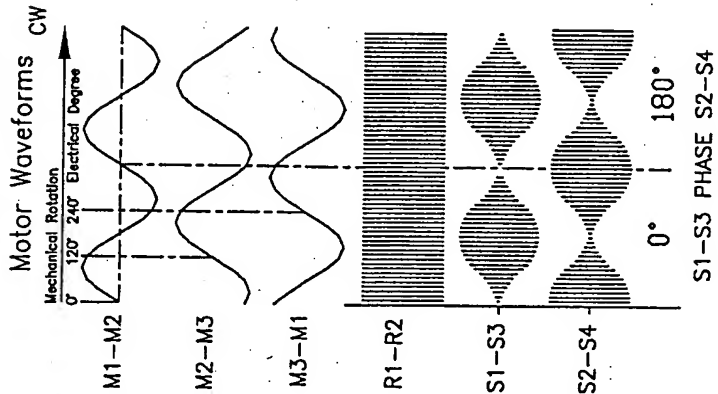


FIG. 2

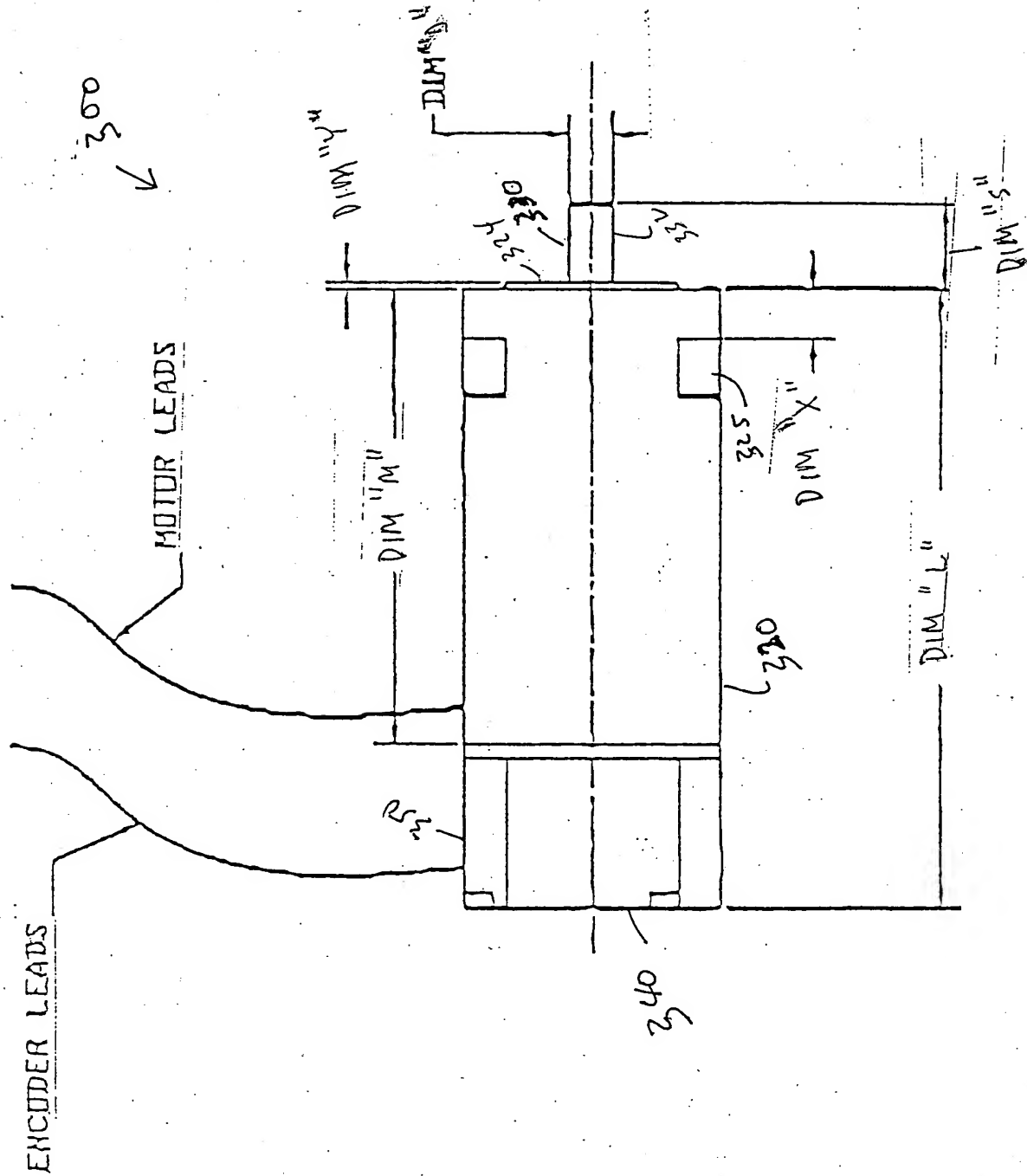
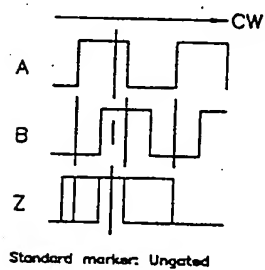


FIG. 3

Clockwise rotation, viewed from the motor shaft, results in these waveforms.

Encoder Waveforms



Motor Waveforms

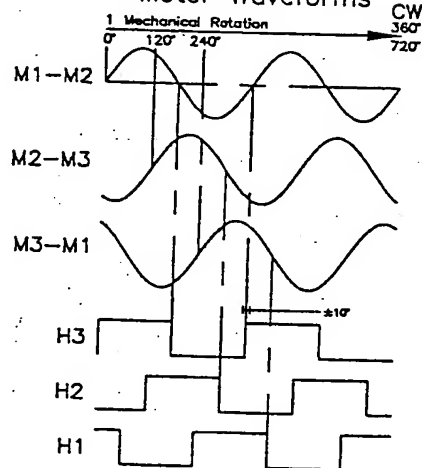


FIG. 4

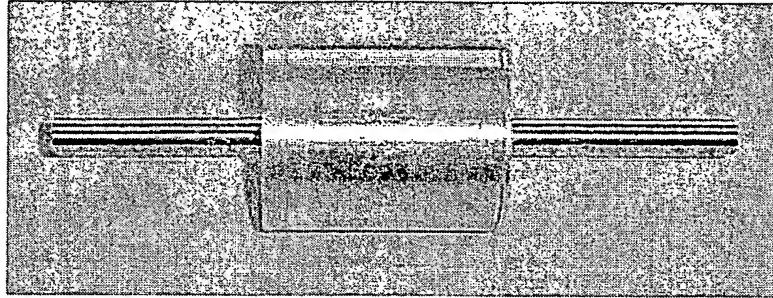


Fig. 5

Inventor: Susanta Datta
Atty. Dept. 847-073
Atty. Joseph D
Telephones

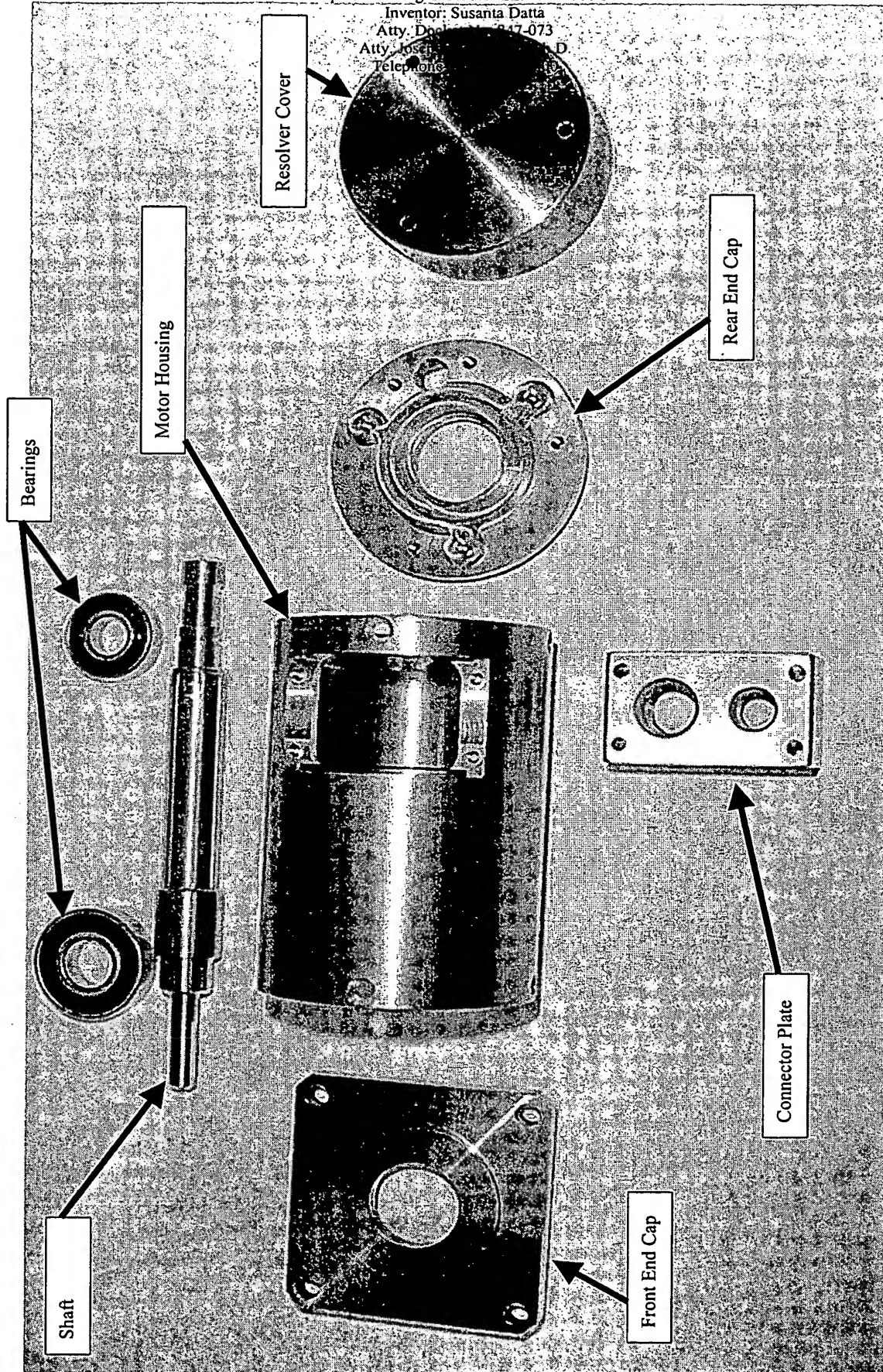


Fig. 6

Fig. 7

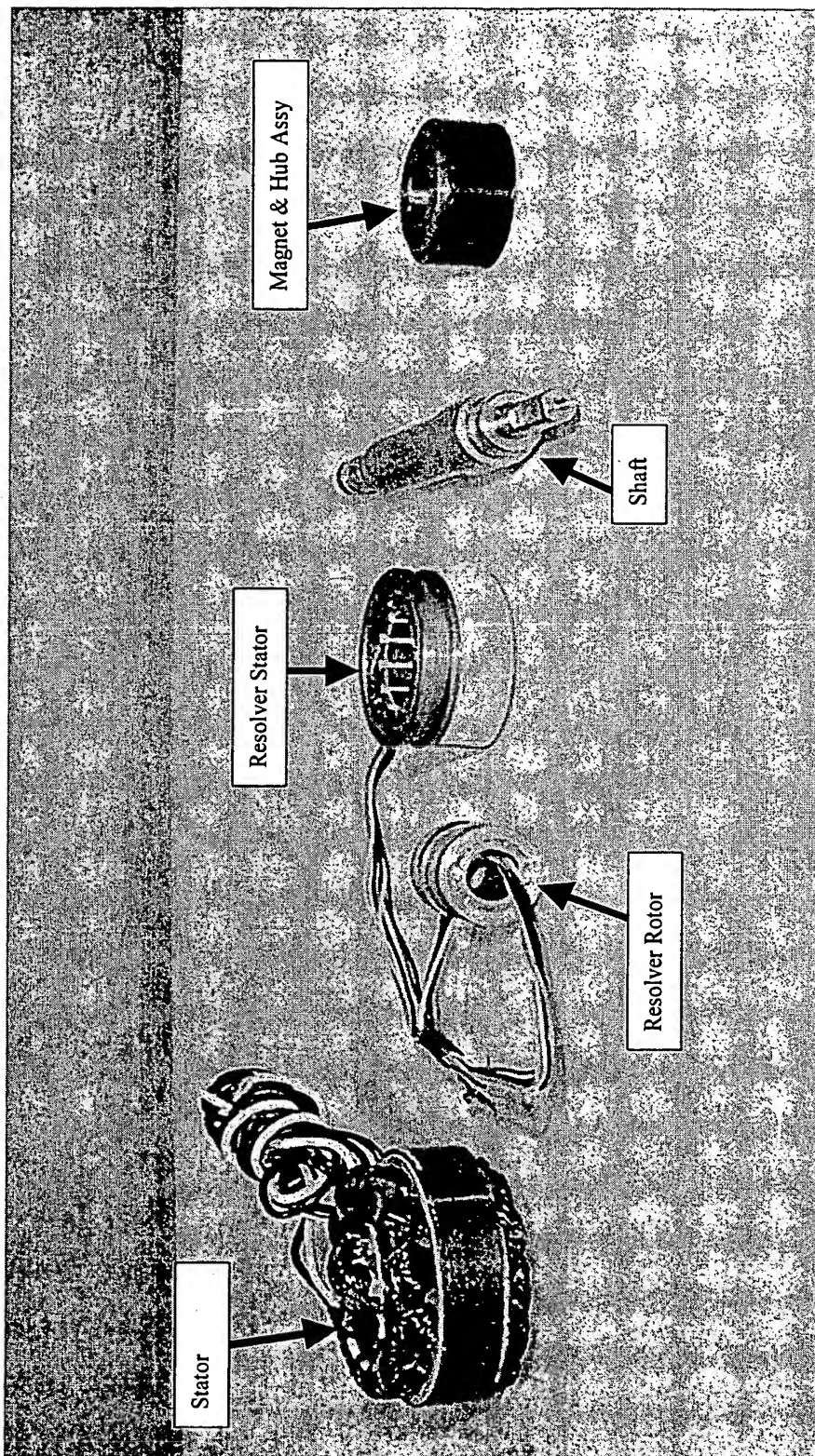
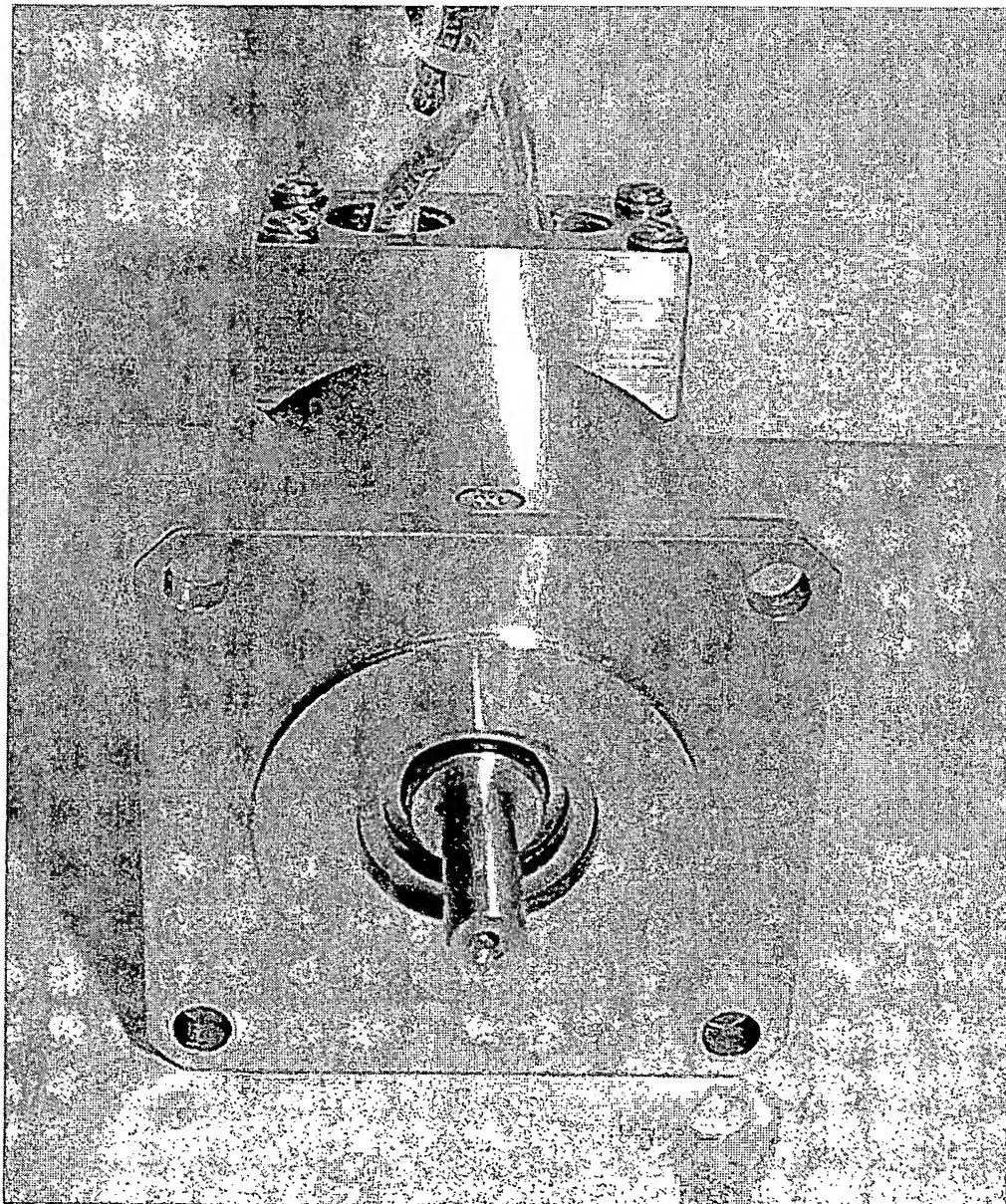


Fig. 8



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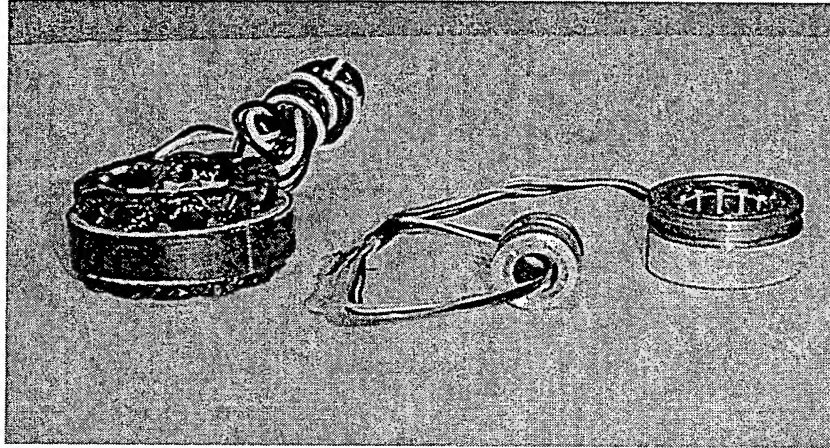


Fig. 9

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Inventor: Susanta Datta

Atty. Docket No. 847-073

Atty. Joseph B. Milstein, Ph.D.

Telephone: (315) 425-9000

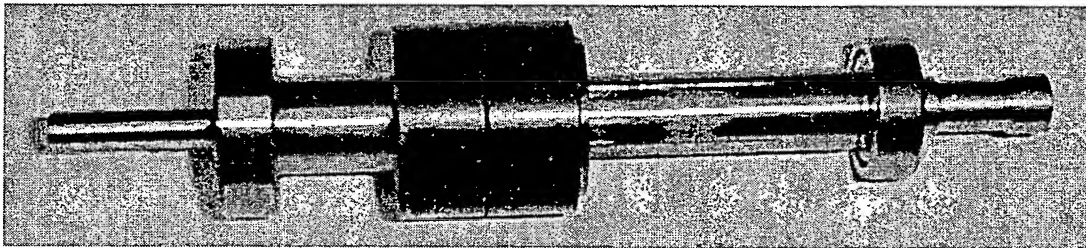


Fig. 10

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